

FIG.1

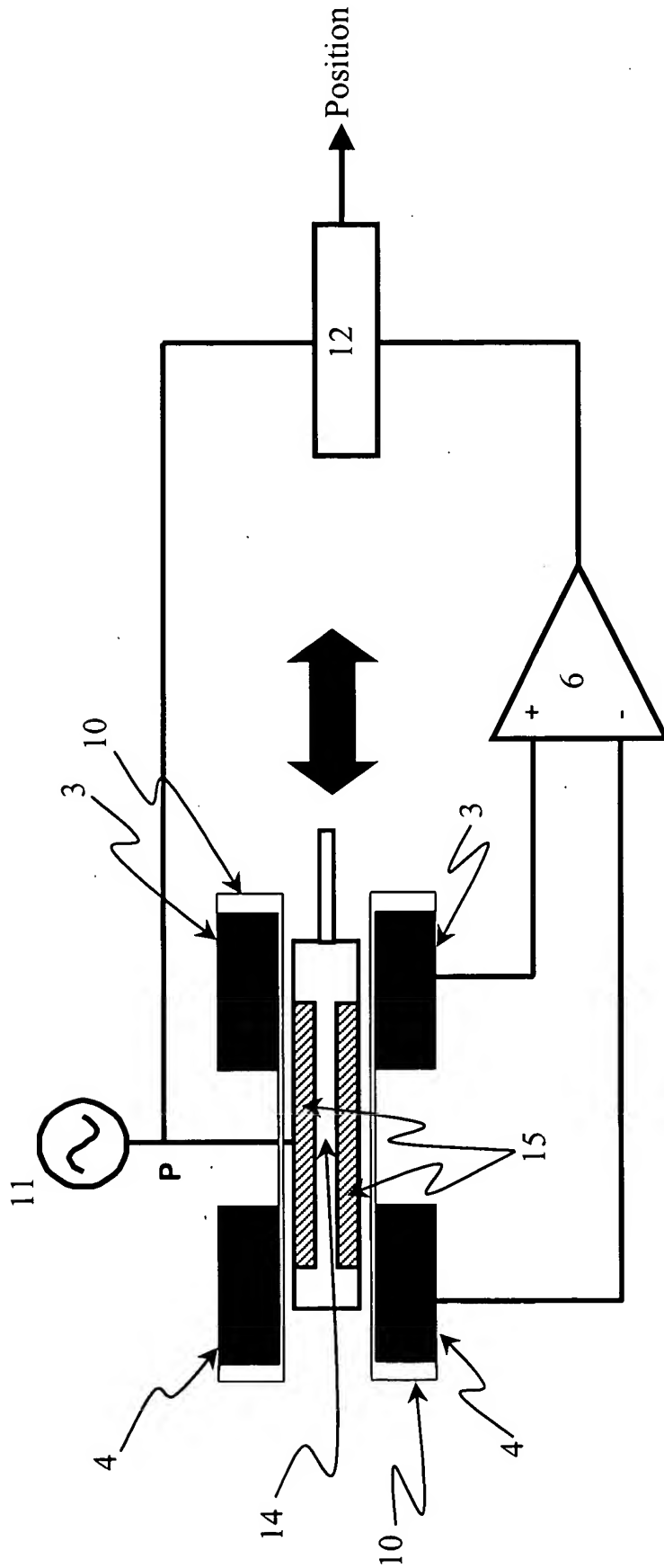


FIG. 2

10016475.113001

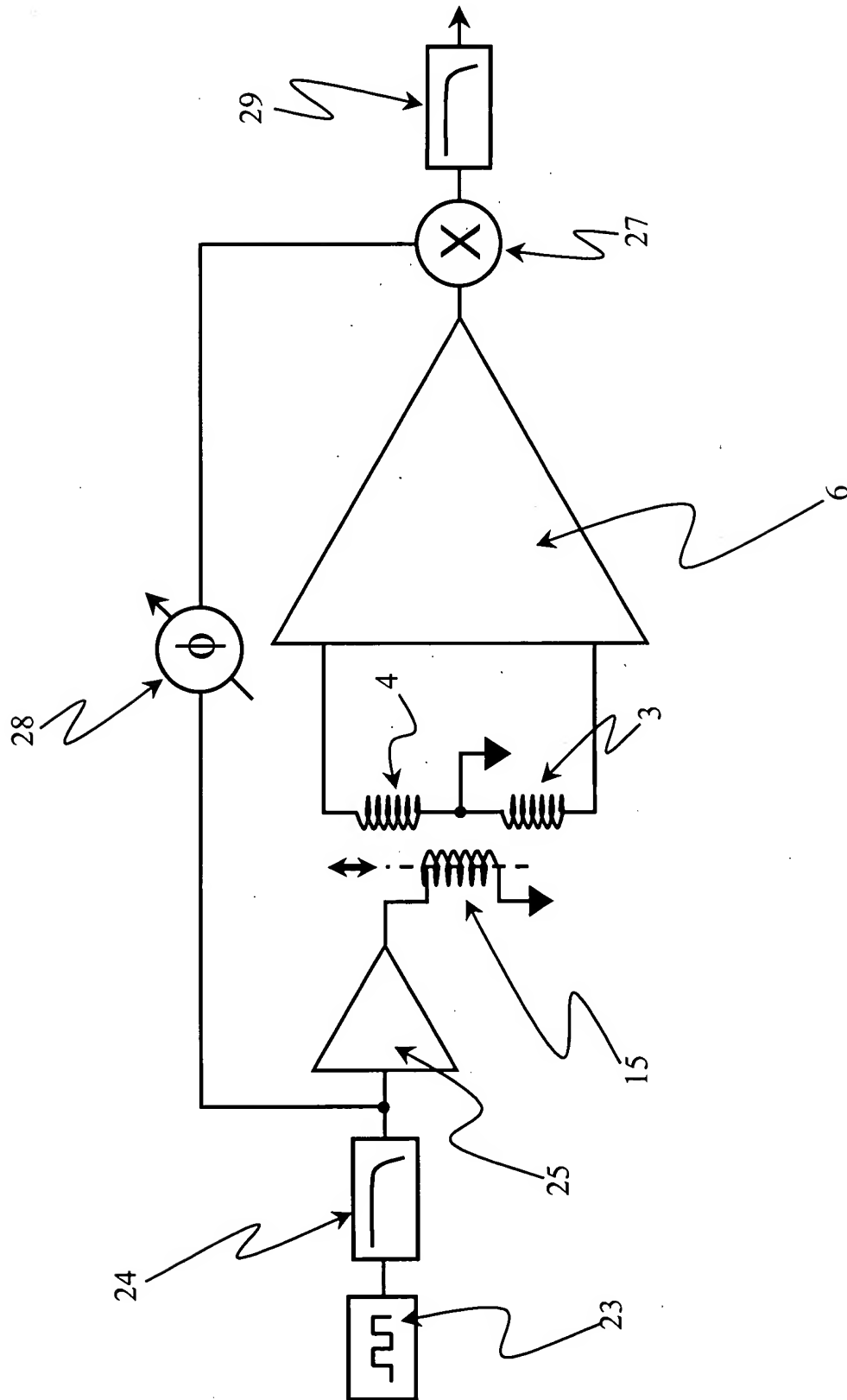


FIG. 3

FOOT 5249T001

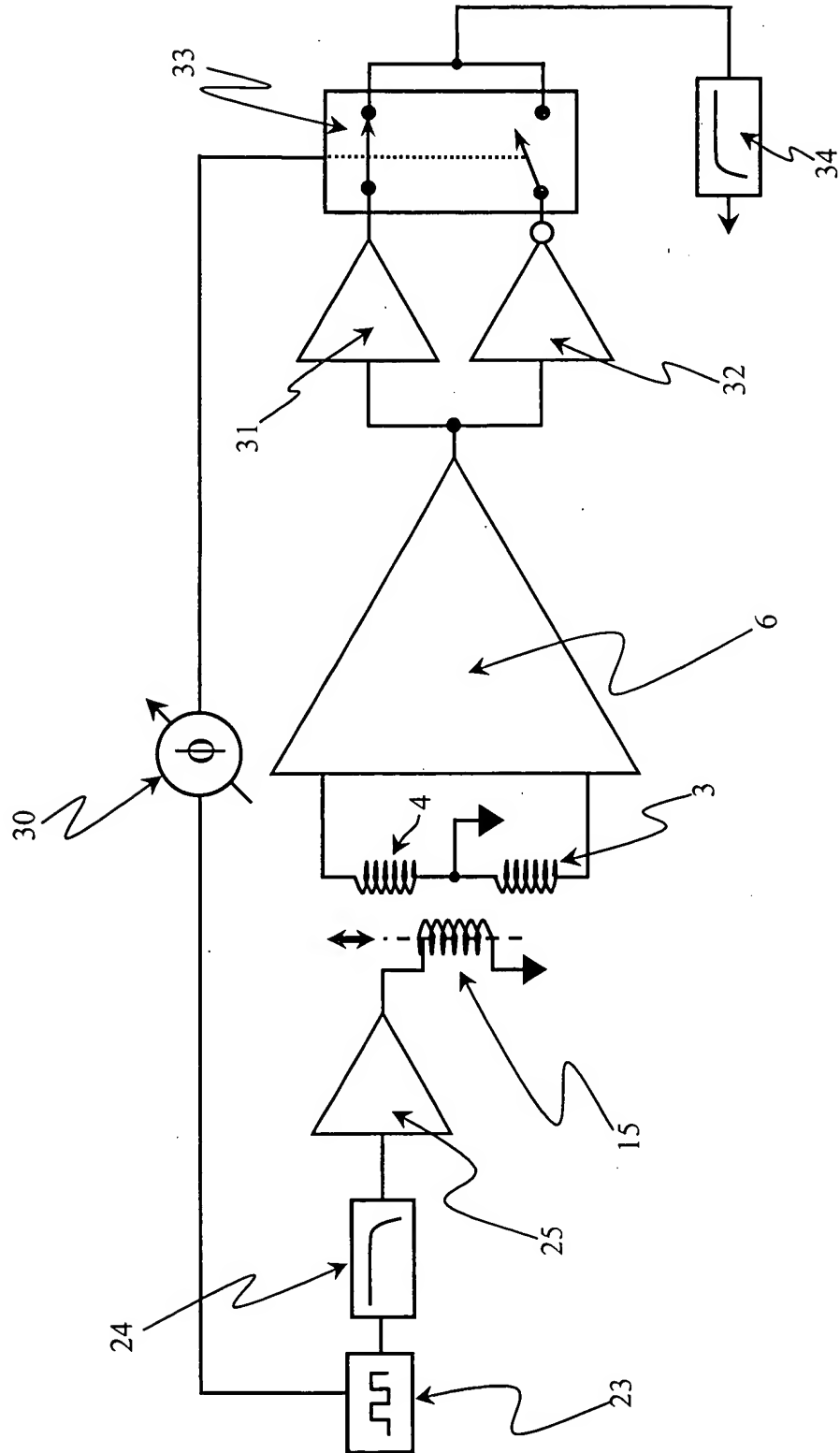


FIG. 4

TOP SECRET

FOOT" 549T001

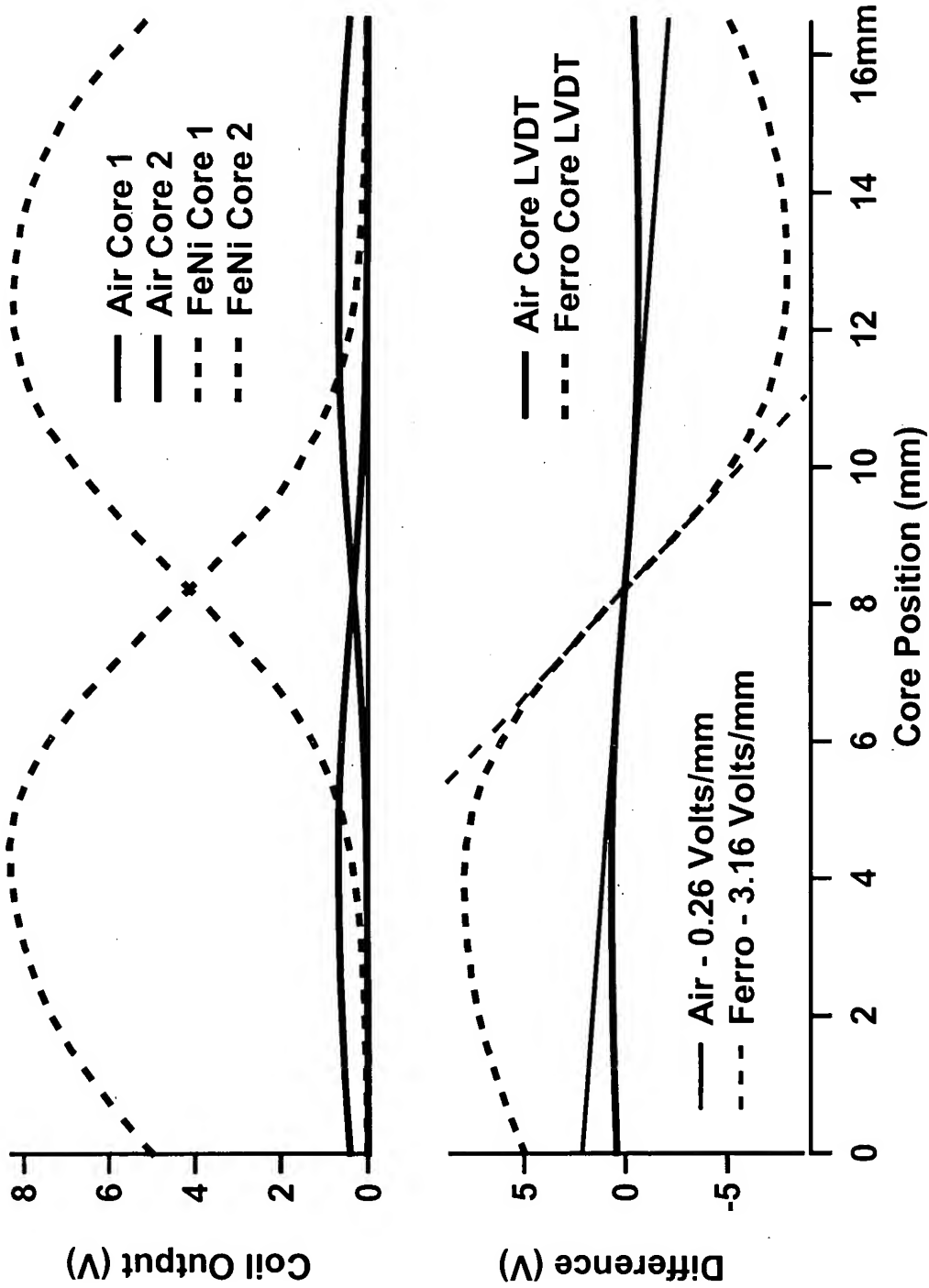


FIG.5

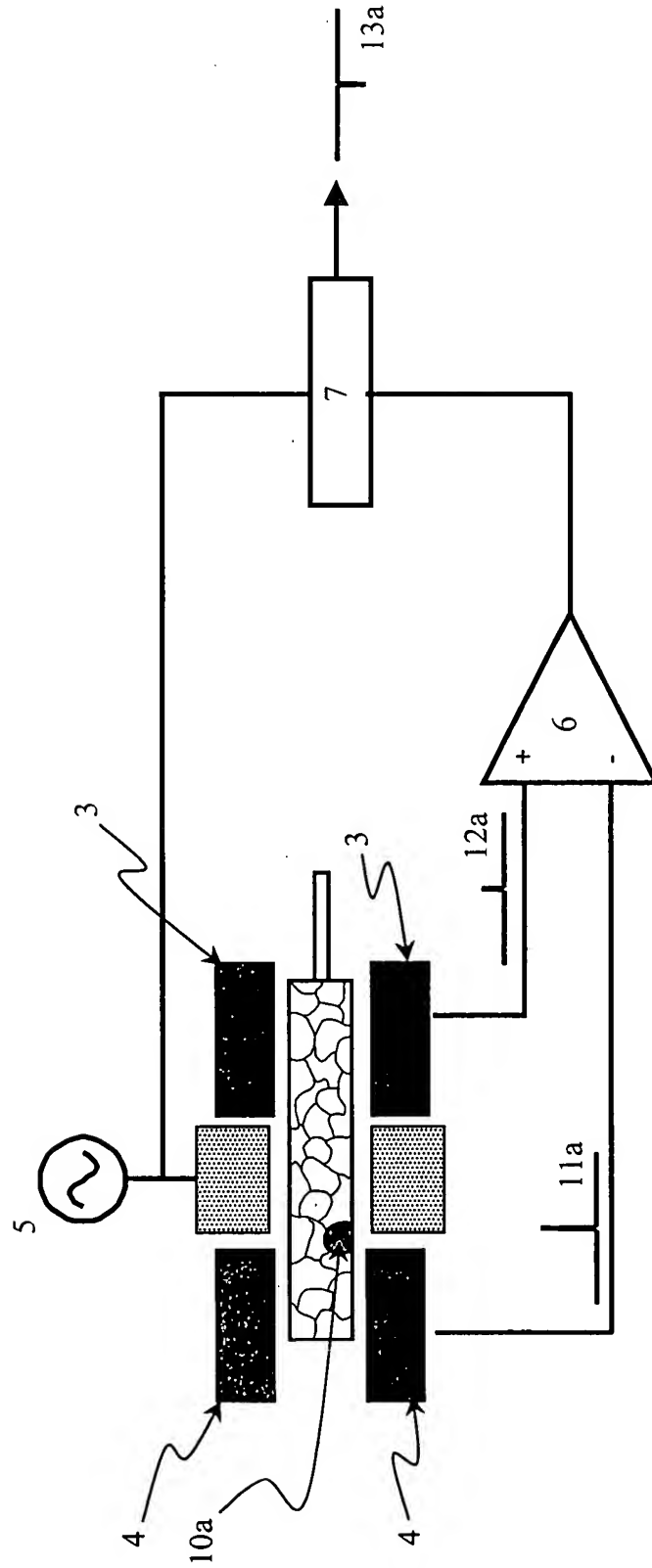


FIG. 6

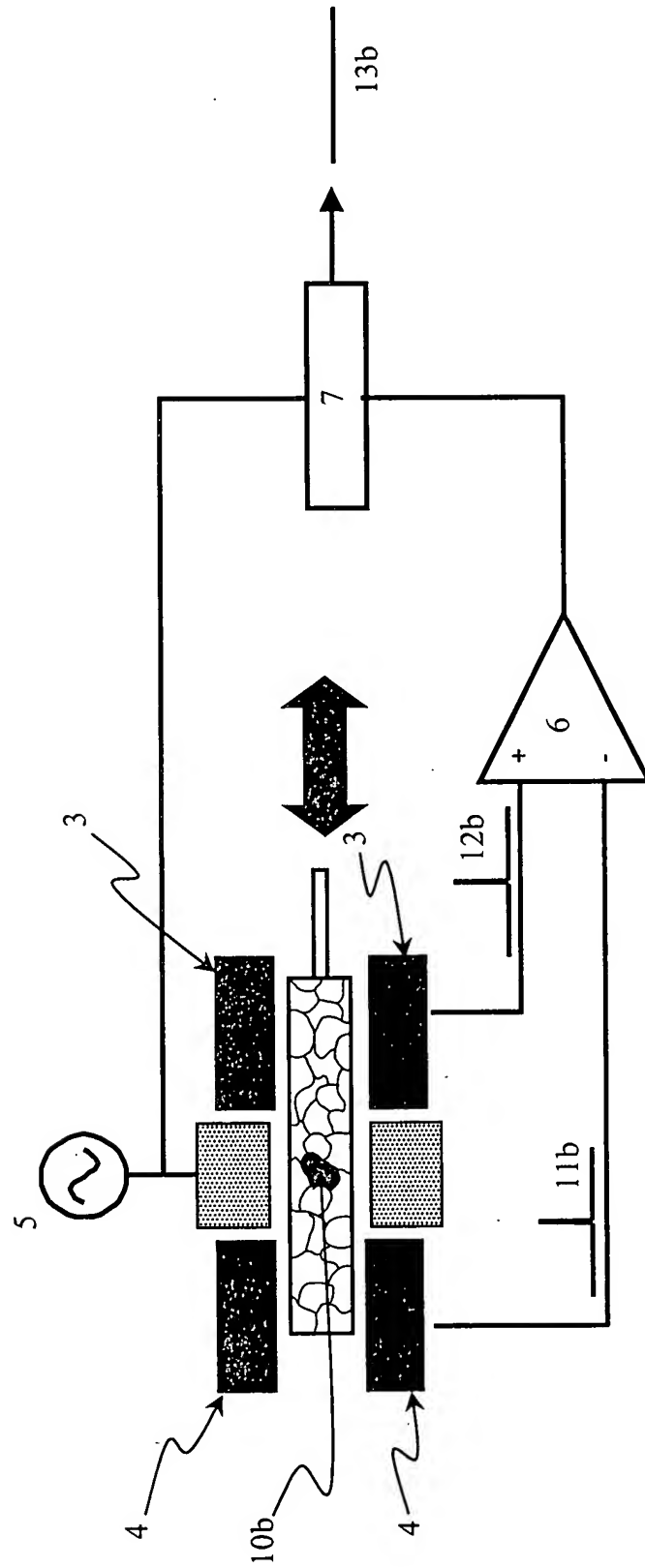


FIG. 7

FOOT 5242FOOT

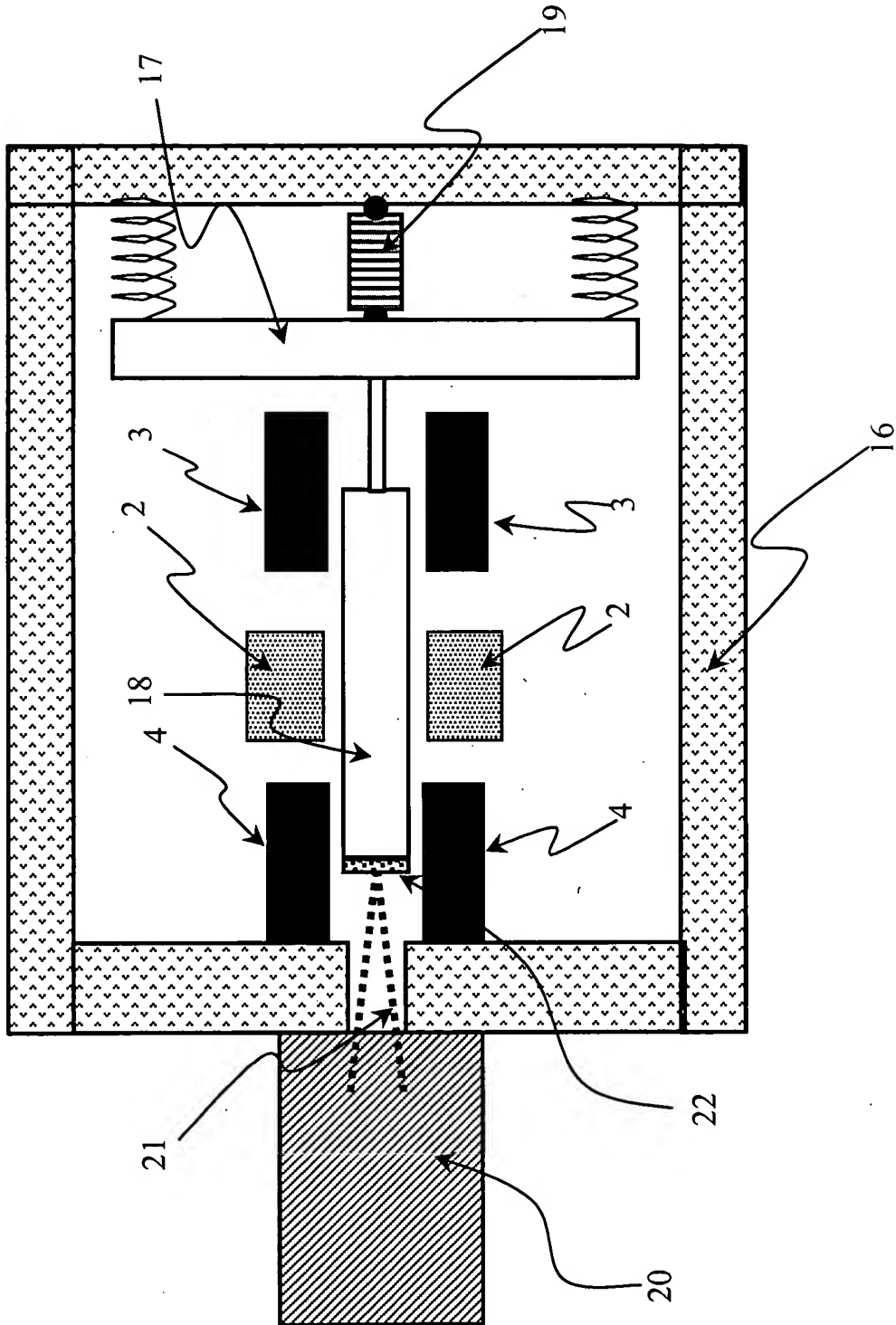


FIG. 8

FOOT" 5249T00T



DOCKET # 9249T007

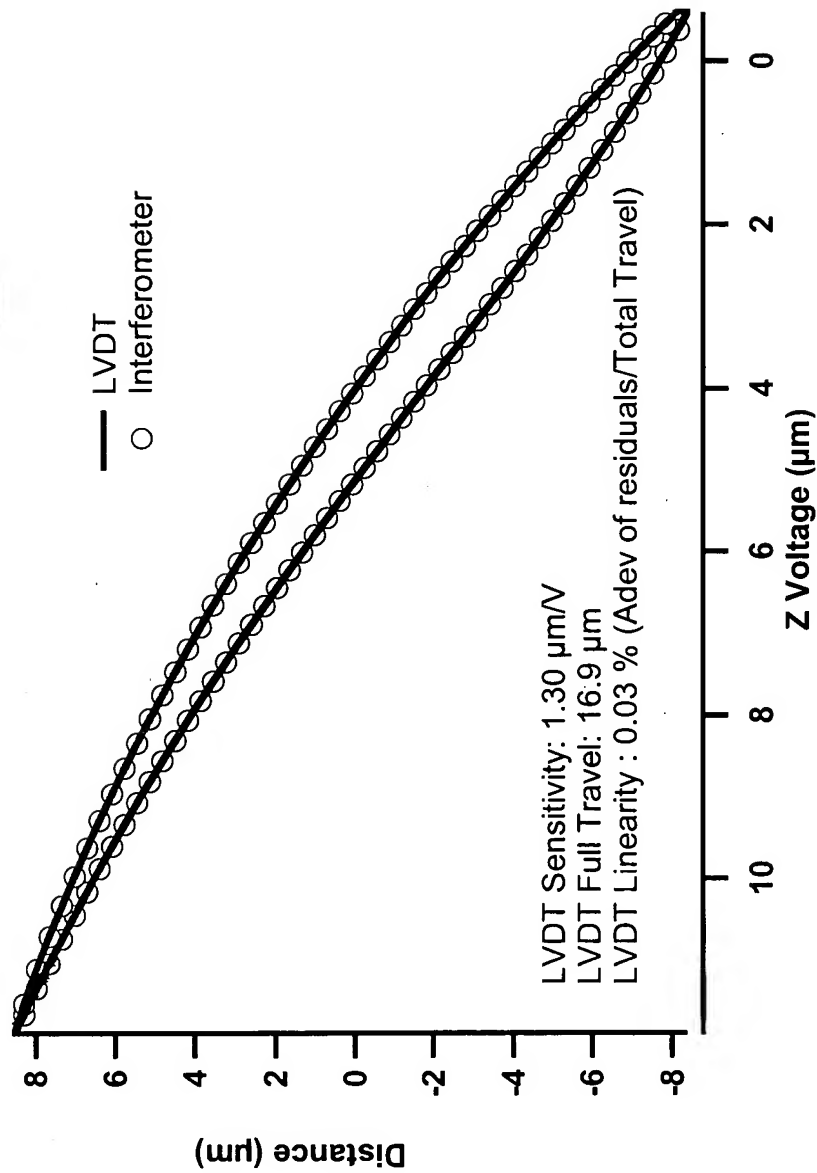


FIG. 9

FOOTNOTES

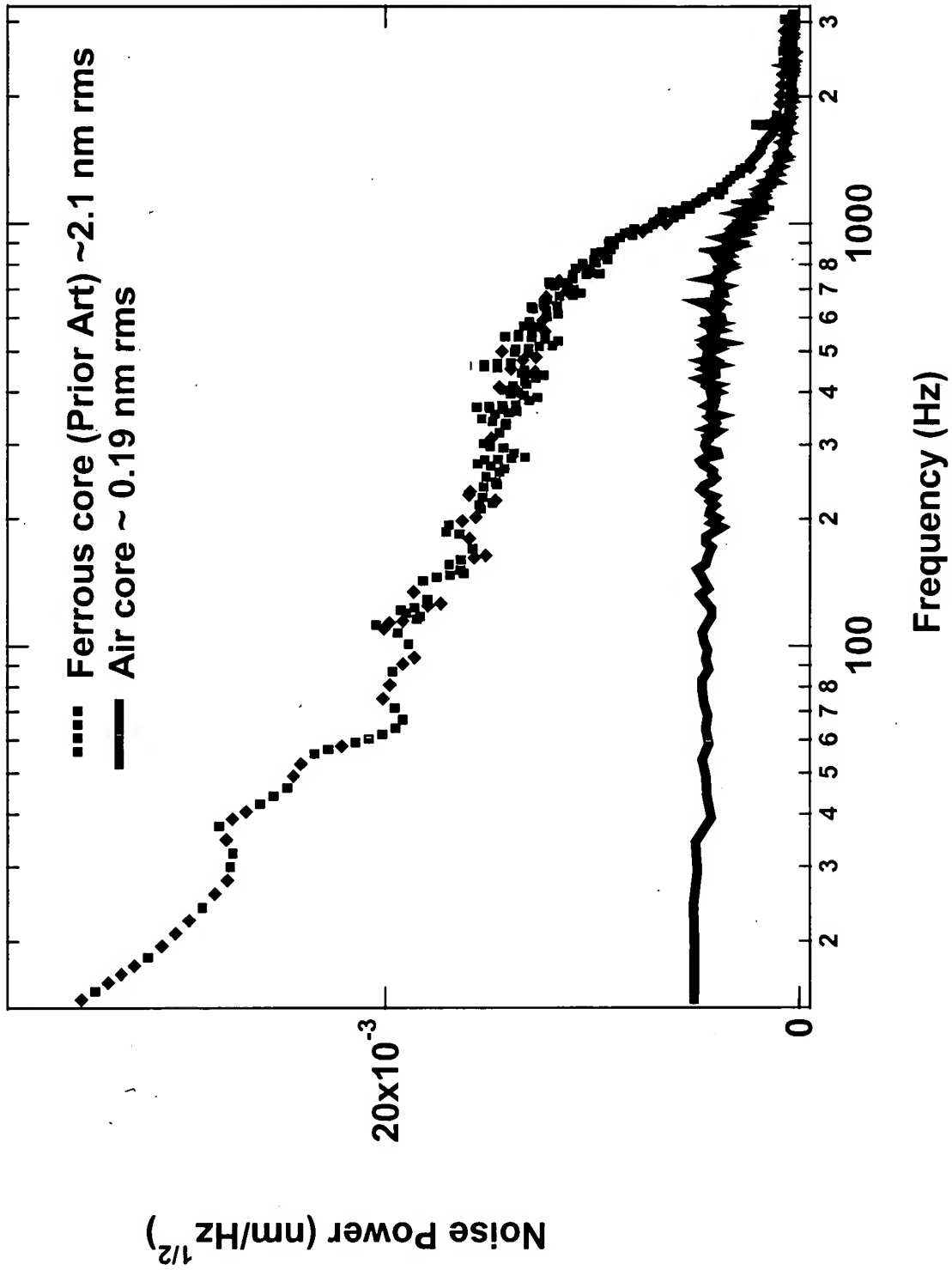


FIG.10

FOOT 5249T001

Noise vs. Time for ferromagnetic and non-ferromagnetic cores

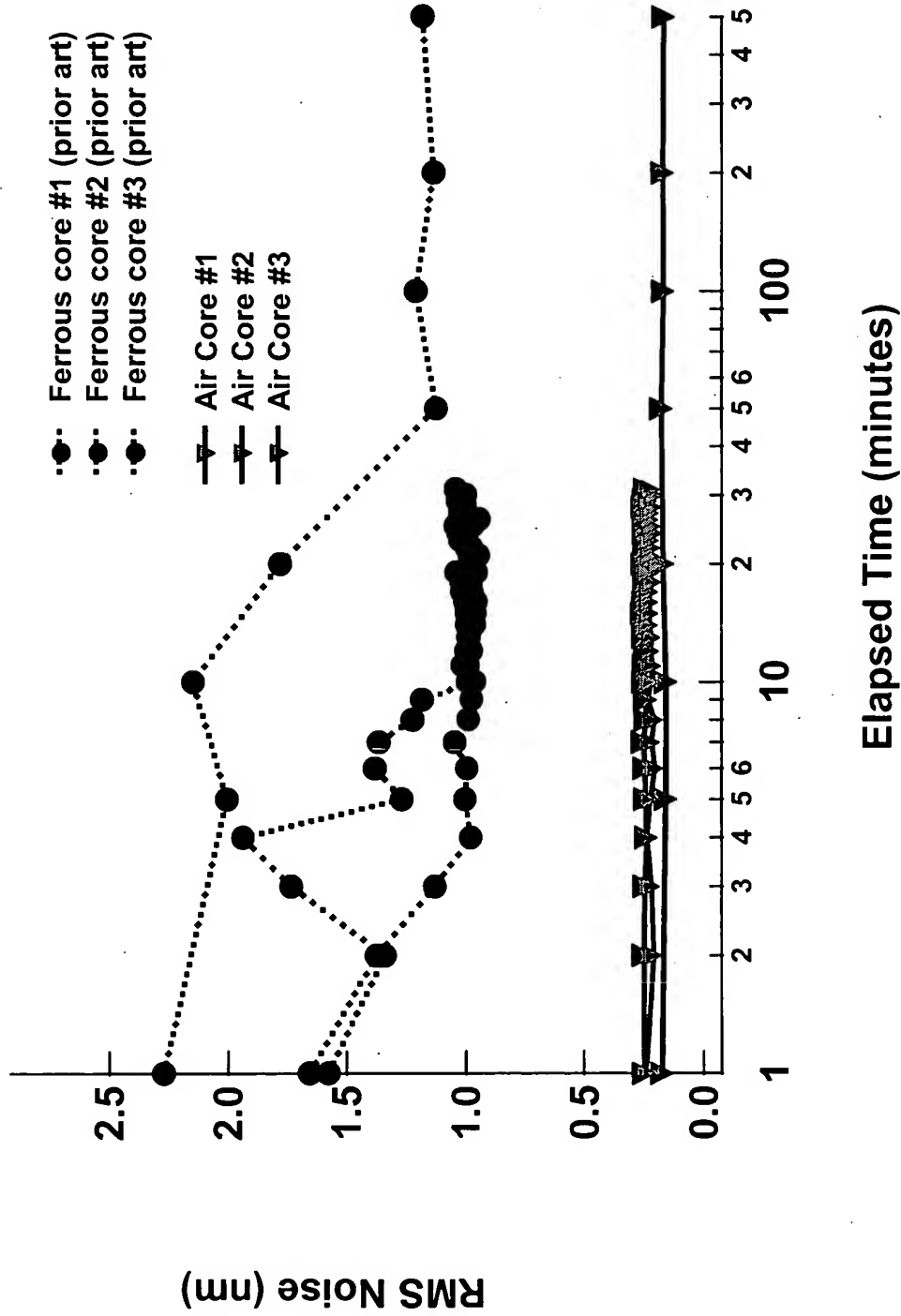


FIG. 11

# Positional Noise vs. Primary Coil Drive Amplitude

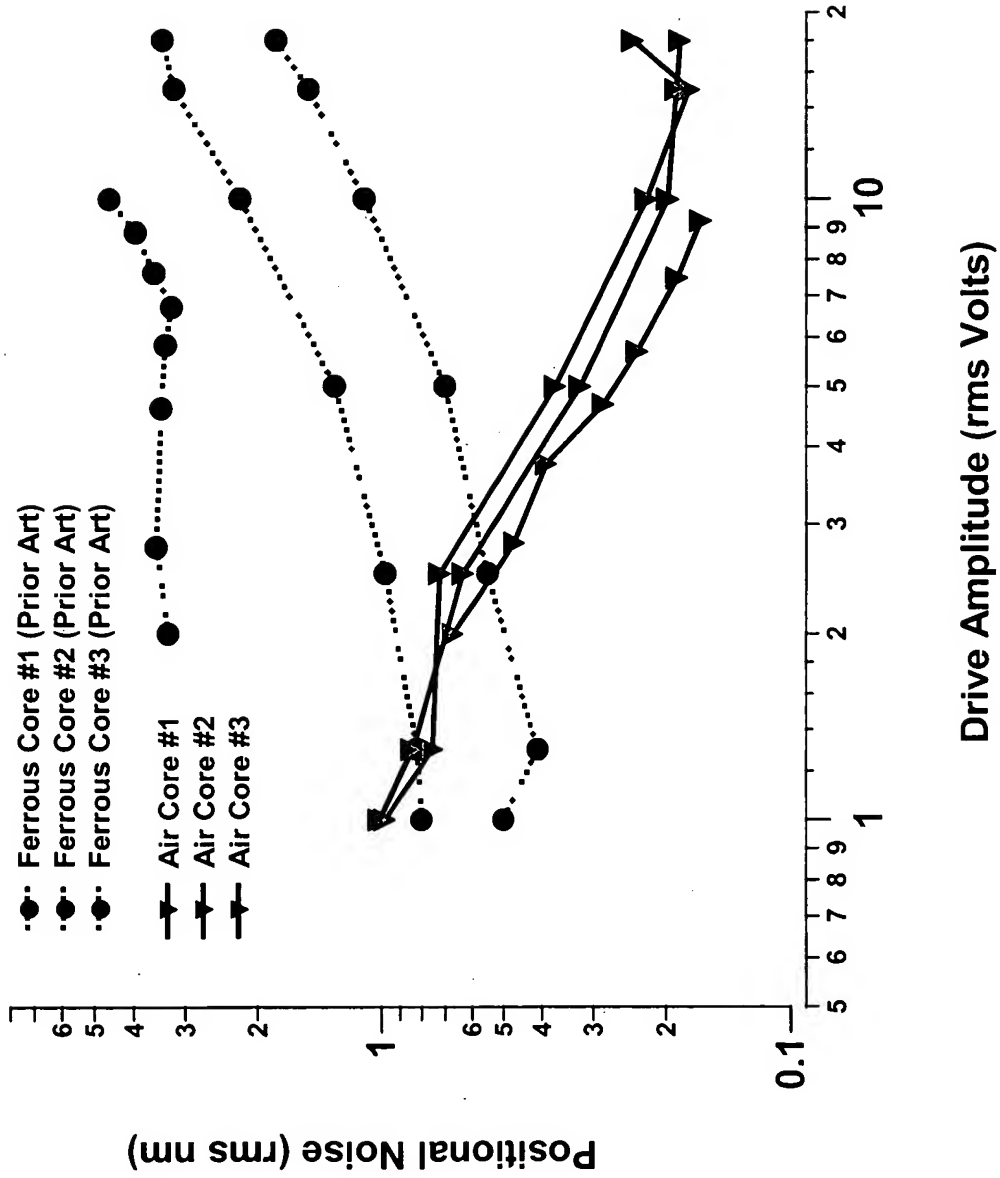


FIG. 12

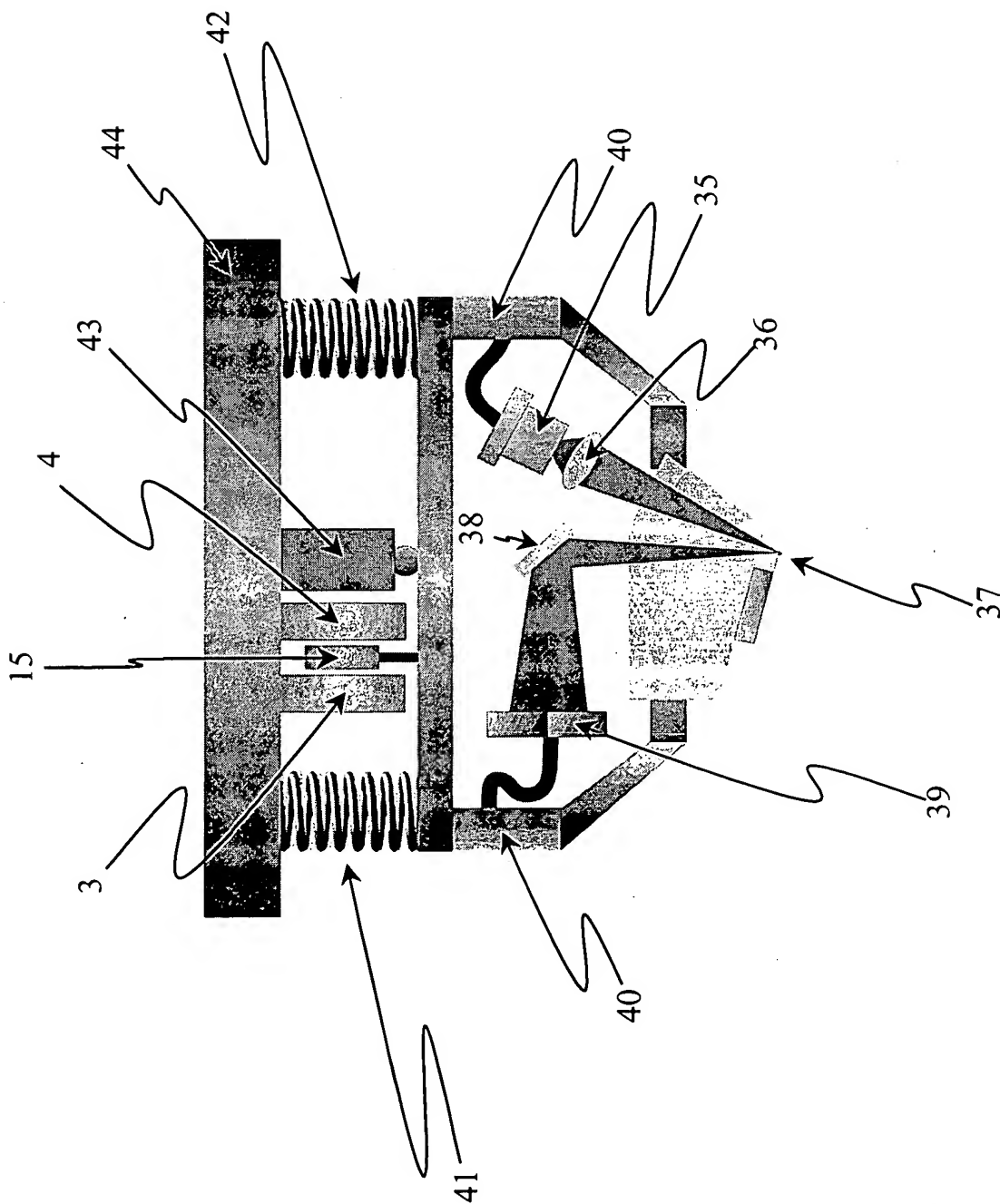


FIG. 13

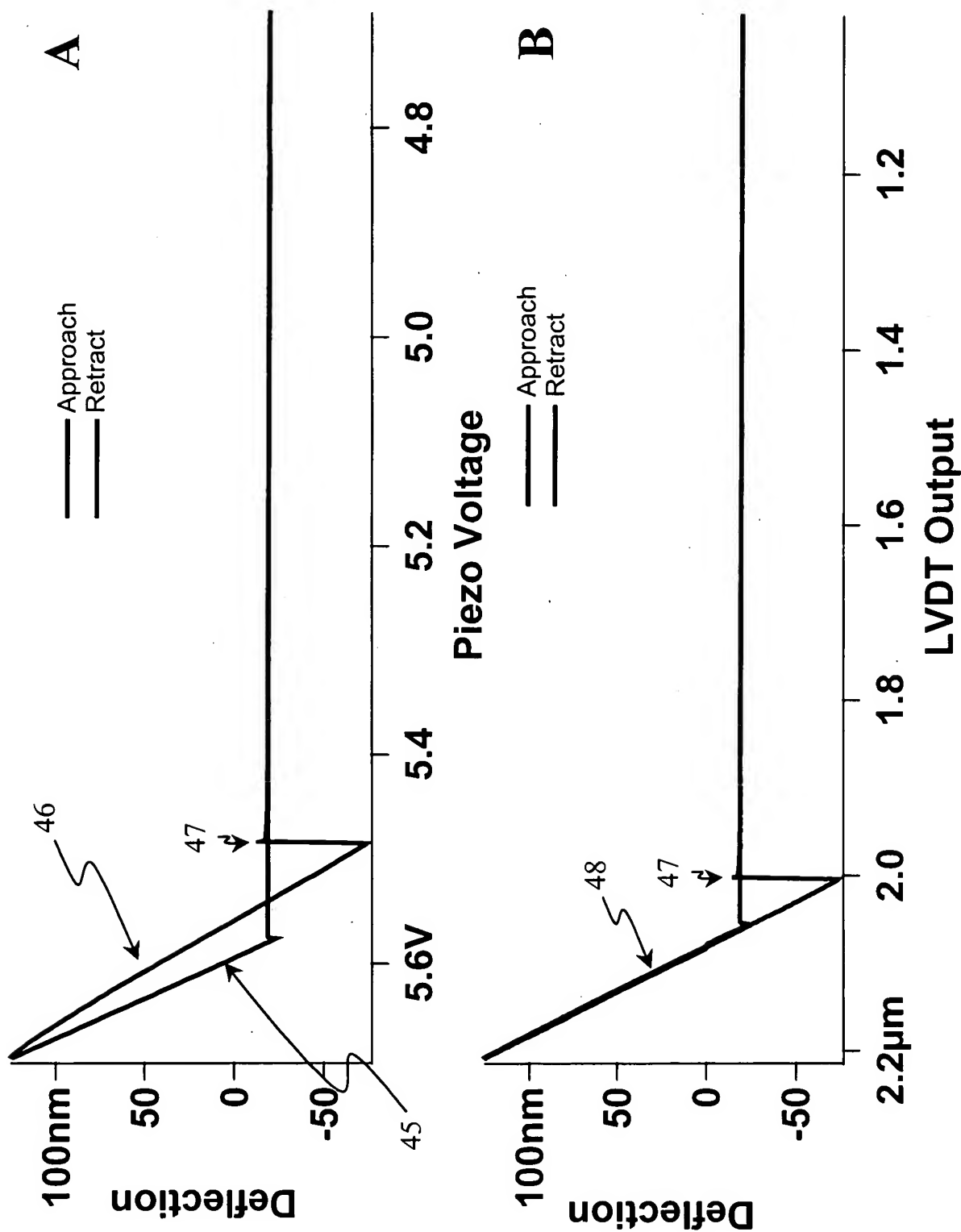


FIG.14

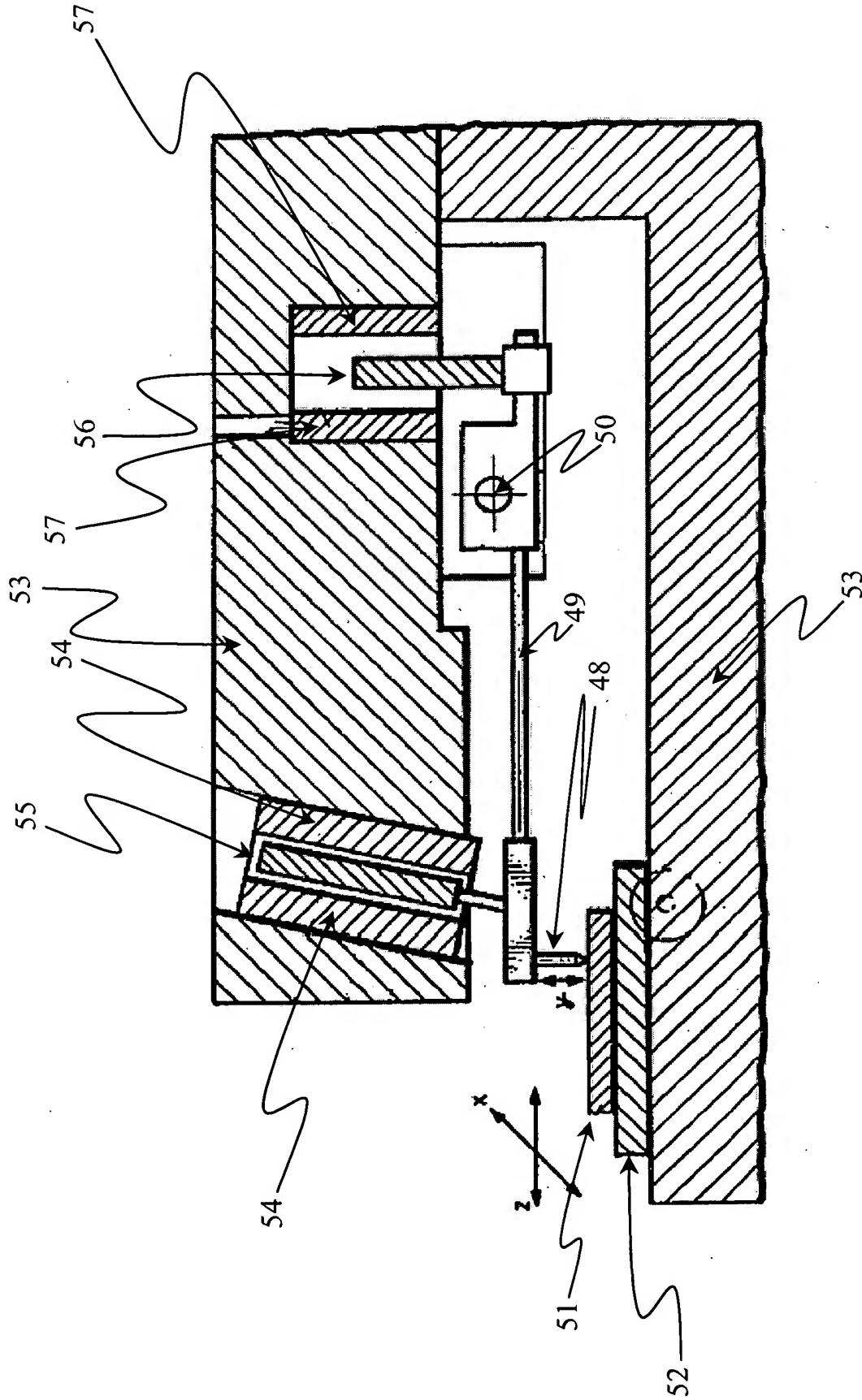


FIG. 15

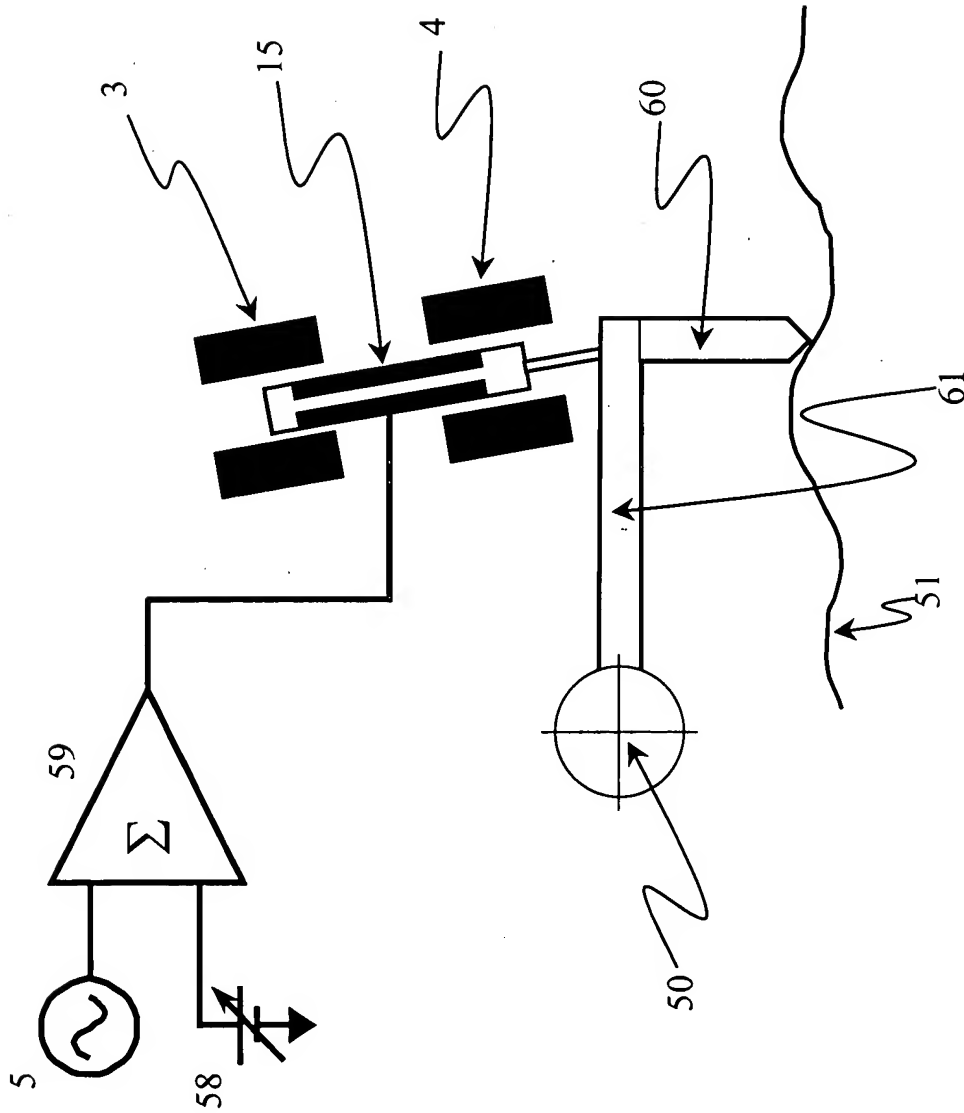


FIG.16

FIG. 16



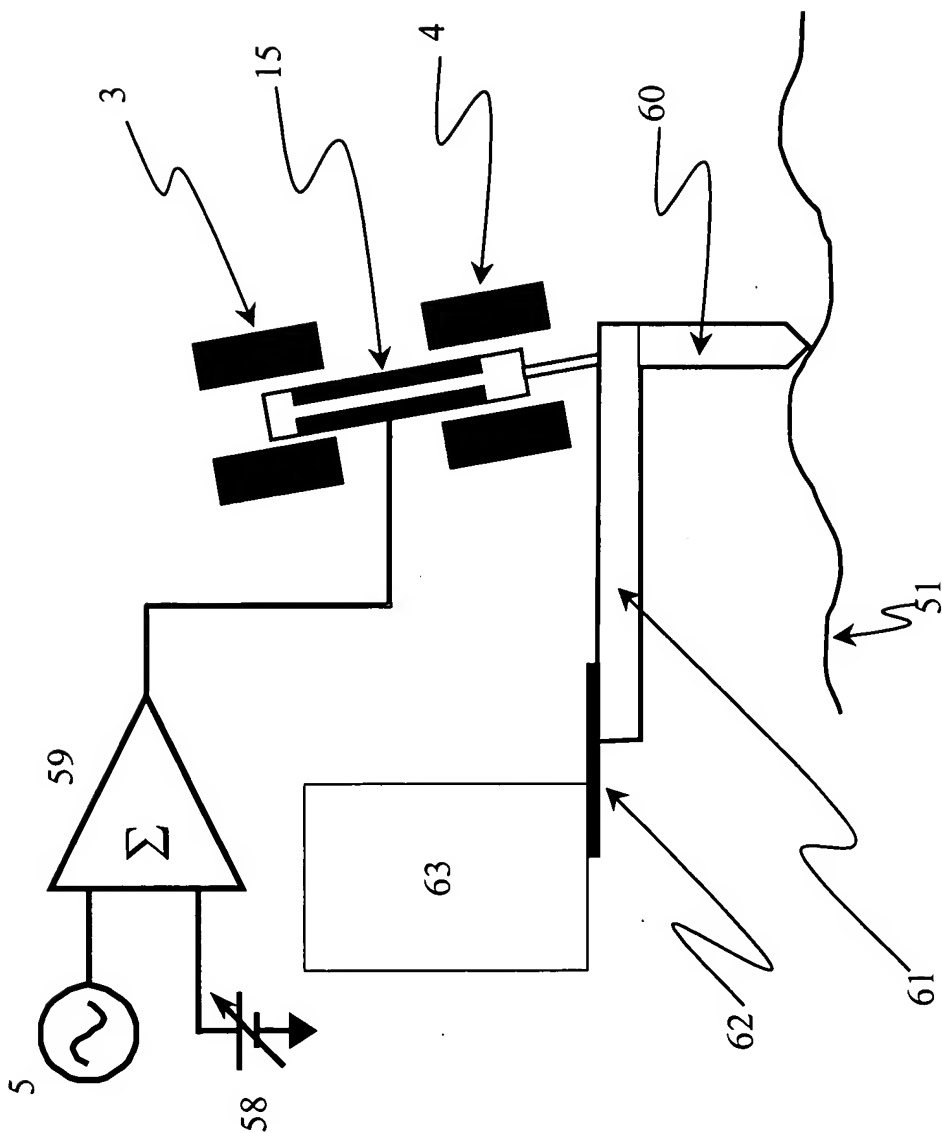
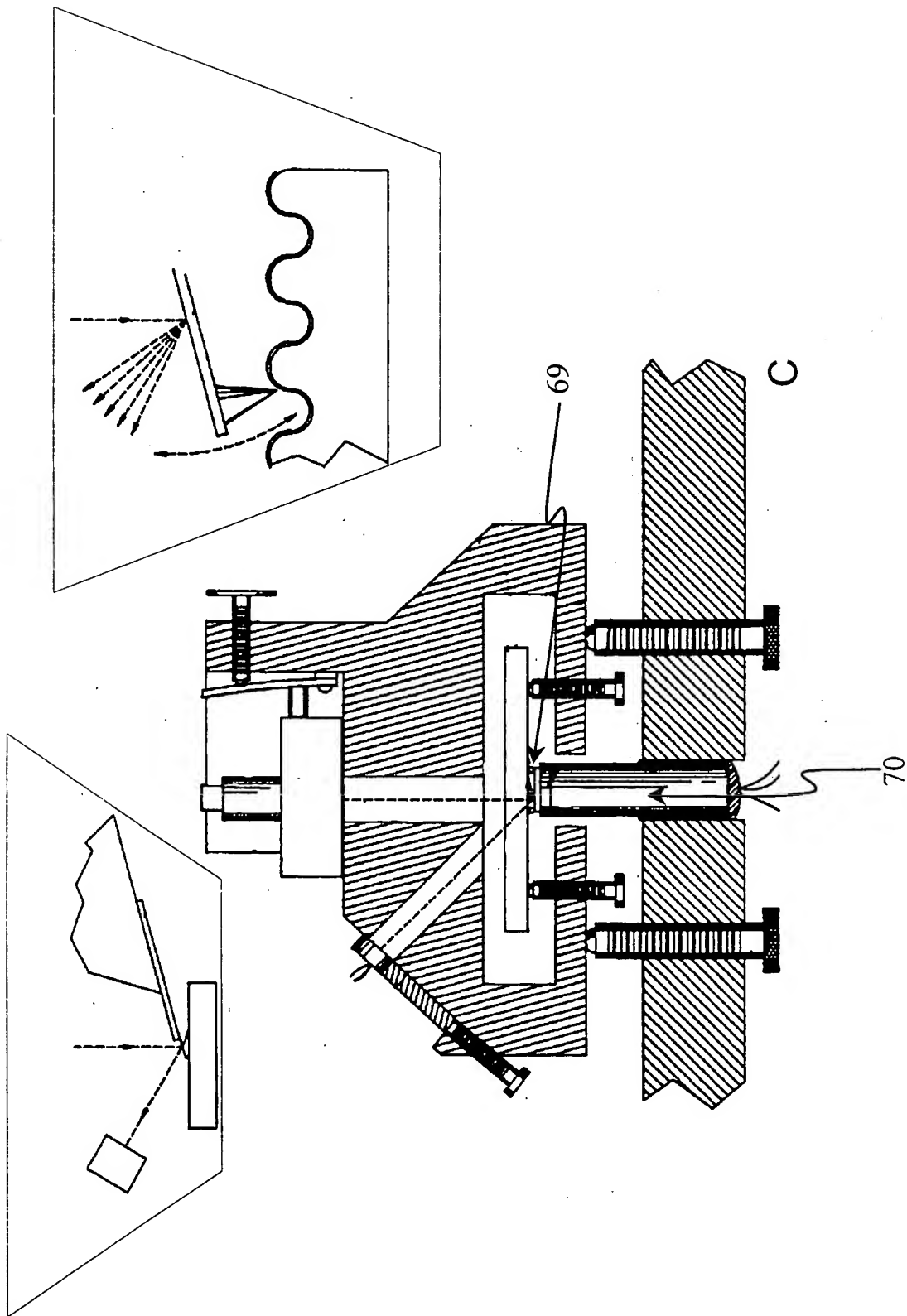


FIG. 17

FIG. 17



10016475-13001

FIG. 19

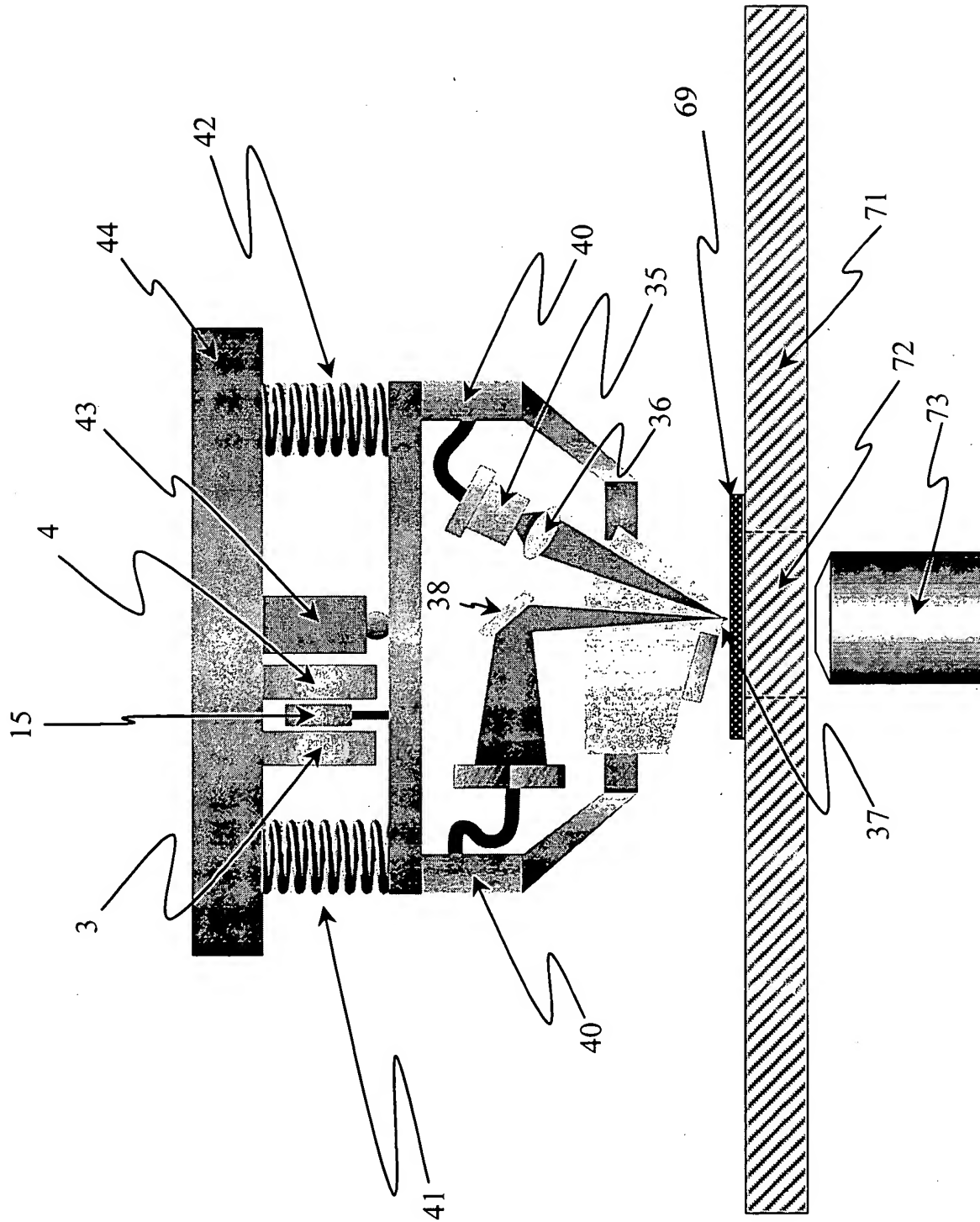


FIG. 19

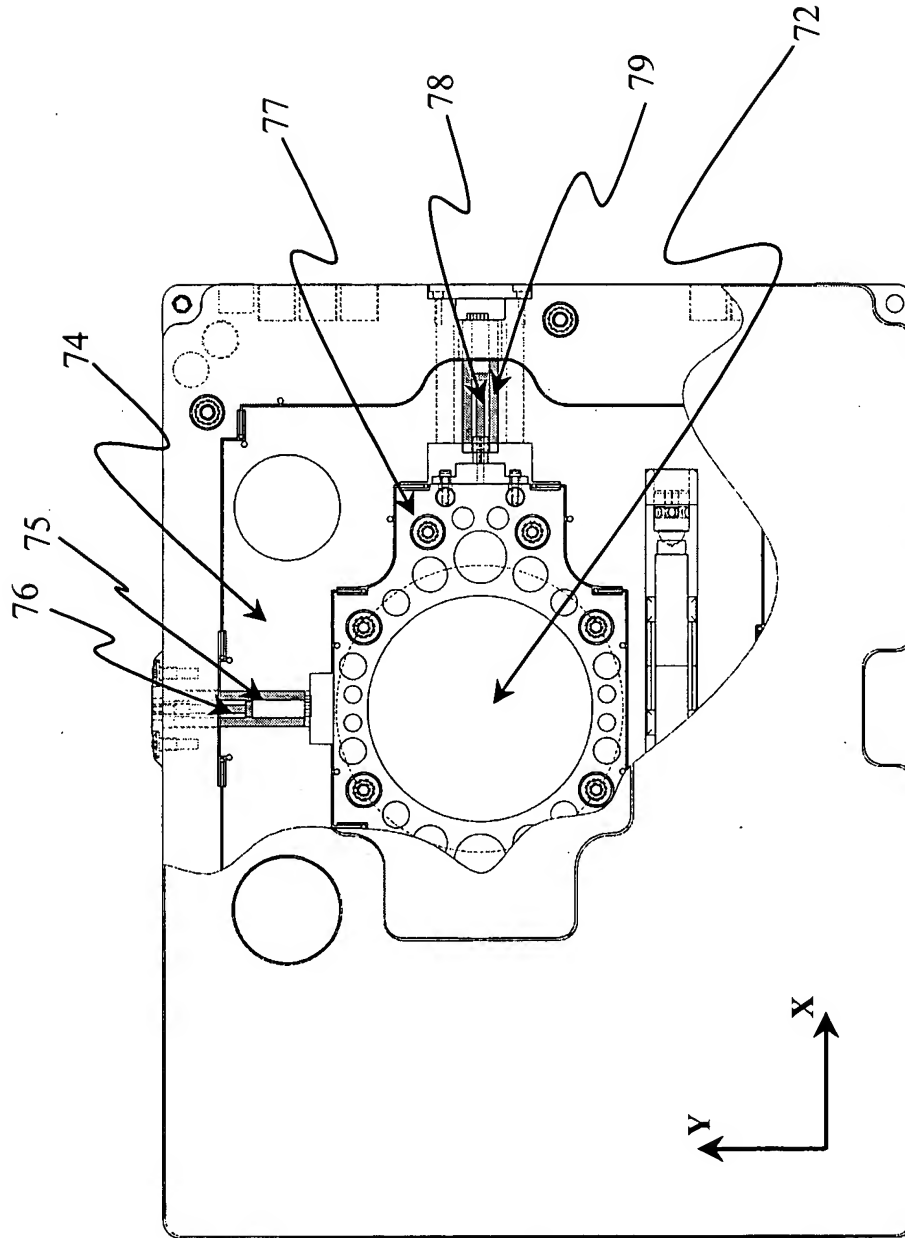


FIG. 20

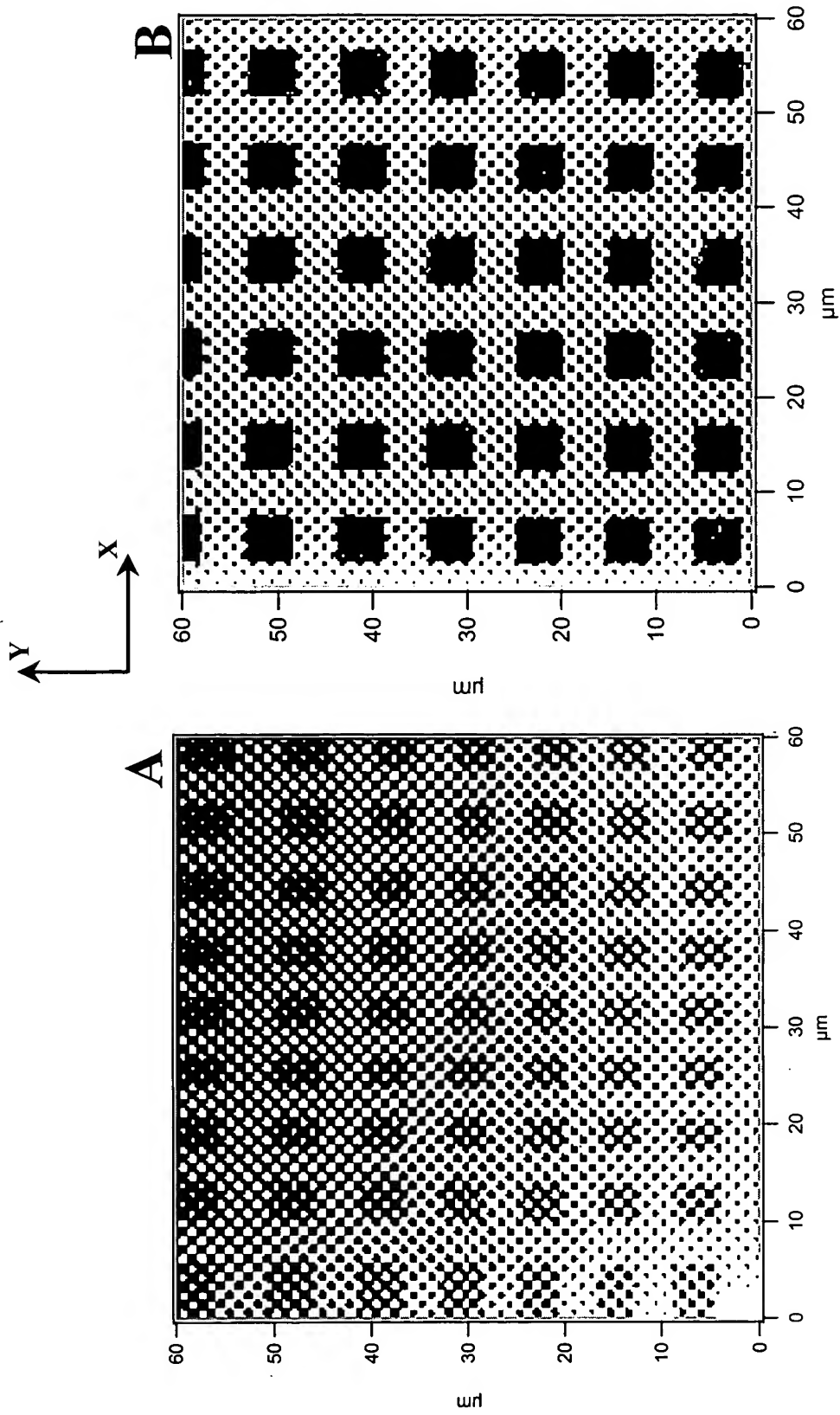


FIG. 21